APPLICATION FOR UNITED STATES PATENT Declaration for Patent Application

As a below named inventor, Thereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on

| | the specification of which | | | 2 (file no | |) | |
|--|---------------------------------------|---------------------------------------|---|---|---|--|------------------------|
| (check at least one) | | 3[x] 4[] 6[] | | | | | |
| , and | 7 [x] | was filed as F | PCT international a | application | · · · · · · · · · · · · · · · · · · · | | |
| Use this portion only if you | 8 | | T/JP99/06378 | •• | · | | |
| are entering the U.S. | o | | | | | · | |
| National phase based | tional 9 on November 16, 1999 e based | | | | | | |
| on a PCT International Application | | and was amei | nded under PCT A | article(s) 19 and/or 34 | | | |
| designating the U.S. | 10 | on | | | _ (if applicable). | | |
| L | | | | | The same | | |
| I hereby cl cate listed beloation(s) design | aim foreigow and ha | gn priority bene ve also identific | ed below any foreig | lations, §1.56. , United States Code, §119 of an gn application(s) for patent or in nited States of America filed by a | ventor's certificate | e or any PCT inter | national |
| | | tion(s) on which | h priority is claime | ed. | | | - |
| | | tion(s) on which | h priority is claime | der 35 U.S.C. 119 | | | - |
| Prior (Fore | eign) Appl | tion(s) on which | h priority is claime Priority Claims Und JP10-328293 | ed. der 35 U.S.C. 119 18/November/1 | 998 | Priority [x] | Claimed |
| Prior (Fore | eign) Appl | tion(s) on which | h priority is claime Priority Claims Und | ed. der 35 U.S.C. 119 | 998 | Priority [x] Yes | Claimed [] No |
| Prior (Fore | eign) Appl PAN ntry) | tion(s) on which | h priority is claime Priority Claims Und JP10-328293 | ed. der 35 U.S.C. 119 18/November/1 | 998 Filed) | Priority [x] | Claimed |
| Prior (Fore | eign) Appl PAN ntry) | tion(s) on which | h priority is claime Priority Claims Und JP10-328293 Number) Number) | ed. der 35 U.S.C. 119 18/November/1 (Day/Month/Year | 998 Filed) | Priority [x] Yes [] Yes | Claimed [] No |
| Prior (Fore | PAN ntry) litional for aim(s) from | tion(s) on which | h priority is claime Priority Claims Und JP10-328293 [Number) [Number) In numbers are listed and Application(s) | 18/November/1 (Day/Month/Year | 998 Filed) Filed) a sheet attached he | Priority [x] Yes [] Yes ereto. | Claimed [] No [] No |
| Prior (Fore | PAN ntry) itional for ional app | tion(s) on which | h priority is claime Priority Claims Und JP10-328293 [Number) [Number) In numbers are listed and Application(s) | der 35 U.S.C. 119 18/November/1 (Day/Month/Year (Day/Month/Year ed on a supplemental priority date | 998 Filed) Filed) a sheet attached heder Title 35, United | Priority [x] Yes [] Yes ereto. | Claimed [] No [] No |

I hereby appoint the following attorneys of the firm of Stevens, Davis, Miller & Mosher, L.L.P. as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office:

James E. Ledbetter, Reg. No. 28732; Thomas P. Pavelko, Reg. No. 31689; and Anthony P. Venturino, Reg. No. 31674.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO STEVENS, DAVIS, MILLER & MOSHER, L.L.P., 1615-L. Street, N.W., Suite 850, Washington, D.C. 20036, TELEPHONE (202) 408-5100, FACSIMILE (202) 408-5200.

STEVENS, DAVIS, MILLER & MOSHER, L.L.P.

I hereby declare that all statements made herein of my that these statements were made with the knowledge of Title 18 of the United States Code, and that such we statements may jeopardize the validity of the application of the United States Code, and that such we statements may jeopardize the validity of the application of the control of

n and belief are believed to be true; and further be or imprisonment, or both, under Section 1001 patent issuing thereon.

PAGE 2 OF ILS.A. DECLARATION FORMS

| 13a - | Typewritten Full Name of Sole or First Inventor | Katsuhiko Given Name | Middle Name | HIRAMATSU Family Name | | | |
|-----------------|--|---|----------------------------|--------------------------|--|--|--|
| 14a | Inventor's Signature | Katuliku | | Hramatsu | | | |
| 15a | Date of Signature | <u> </u> | Day , | 2000 Year | | | |
| 16a | Residence | Yokosuka-shi City | Kanagawa State or Province | JAPAN Country | | | |
| 17a | Citizenship | JAPAN | | | | | |
| 18a | Post Office Address (Insert complete mailing | 4-21-4-102, Kurihama, Yokosuka-shi, Kanagawa 239-0831 JAPAN | | | | | |
| | address, including country) | | | | | | |
| 13b | Typewritten Full Name of Sole or First Inventor | Given Name | Middle Name | Family Name | | | |
| 14b VI) | Inventor's Signature | | | | | | |
| 15b [] | Date of Signature | Month | Day | Year | | | |
| 16 b | Residence | City | State or Province | Country | | | |
| 175 186 | Citizenship | | | | | | |
| 18b " (:) | Post Office Address (Insert complete mailing address, including country) | | | | | | |
| [] 13c | Typewritten Full Name of Sole or First Inventor | Given Name | Middle Name | Family Name | | | |
| (.) 14c | Inventor's Signature | | V4-2-12-1 | | | | |
| 15c | Date of Signature | Month | Day | Year | | | |
| 16c | Residence | City | State or Province | Country | | | |
| 17c | Citizenship | <i></i> | | 333, | | | |
| 18c | Post Office Address | | | | | | |
| | (Insert complete mailing address, including country) | | | | | | |
| 13d | Typewritten Full Name of Sole or First Inventor | Given Name | Middle Name | Family Name | | | |
| 14d | Inventor's Signature | Given Name | Middle Name | Family Name | | | |
| | _ | | | | | | |
| 15d | Date of Signature | Month | Day | Year | | | |
| 16d | Residence | City | State or Province | Country | | | |
| 17d | Citizenship | | | | | | |
| 18d | Post Office Address (Insert complete mailing address, including country) | | | | | | |

Please sign name on line 15 exactly as it appears in line 14 and insert the actual date of signing on line 16. If there are more than four inventors, please add a copy of this page for identification and signatures for the additional inventors.